|  |  |  |
| --- | --- | --- |
| Number of Orders | Single Thread Time | Multithread Time |
| 100 | 9848 msec | 428 msec |
| 10 | 115 msec | 114 msec |
| 500 | 14954 msec | 1620 msec |

According to the table above, multithreading is the best option. When processing a small amount of orders, such as 10, there is barley and difference in time, but as the number of orders goes to 100, the single threads take up almost twice the time that the multithreaded option would take. Finally when the number of orders goes up to 500, the single threaded option takes almost 10 times the time that the multithreaded option would take.